

WEST**End of Result Set**

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L3: Entry 1 of 1

File: JPAB

Jul 7, 1998

PUB-NO: JP410181575A

DOCUMENT-IDENTIFIER: JP 10181575 A

TITLE: BRAKE DEVICE FOR VEHICLE

PUBN-DATE: July 7, 1998

INVENTOR-INFORMATION:

NAME

COUNTRY

ABE, YOICHI

YONEMURA, SHUICHI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

DENSO CORP

N/A

APPL-NO: JP08350806

APPL-DATE: December 27, 1996

INT-CL (IPC): B60T 13/66; B60T 8/00

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a brake device for vehicle free from any trouble when control to increase a braking force is performed by increasing a brake fluid pressure by a pump, etc.

SOLUTION: When brake assisting by a pressure boosting mechanism has been completed, lines 41 and 42 from a master cylinder 3 to the sucking sides of pumps 33 and 34 are shut off to stop the pumps 33 and 34 by closing SRC valves 28 and 29 to stop the boosting of a wheel cylinder pressure. Also, in order to reduce a wheel cylinder pressure, pressure reducing control valves 21 to 24 are opened so as to release the brake oil on the wheel-cylinder 11 to 14 side to reservoirs 31 and 32. Then, when it is judged that a specified time has passed after the pressure reducing control valves 21 to 24 are opened, SMC valves 26 and 27 are opened so as to interconnect those pipe lines ranging from the master cylinder 3 to the wheel cylinders 11 to 14.

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L2: Entry 1 of 1

File: DWPI

Jul 7, 1998

DERWENT-ACC-NO: 1998-433028

DERWENT-WEEK: 199837

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TITLE: Vehicular brake gear using pump - has reservoirs which stores brake oil escaping from wheel cylinders

PATENT-ASSIGNEE:

ASSIGNEE

CODE

NIPPONDENSO CO LTD

NPDE

PRIORITY-DATA: 1996JP-0350806 (December 27, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP <u>10181575</u> A	July 7, 1998	N/A	010	B60T013/66

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP10181575A	December 27, 1996	1996JP-0350806	N/A

INT-CL (IPC): B60T 8/00; B60T 13/66

ABSTRACTED-PUB-NO: JP10181575A

BASIC-ABSTRACT:

The brake gear has a damping force generator that receives two different hydraulic pressure generated during vehicle braking via pipe lines (41,42) and generates wheel damping force. Wheel cylinders (11-14) is maintained at pressure of difference between first and second hydraulic pressure.

Control valves (21-24) are opened and pumps (33,34) are stopped to reduce the pressure of wheel cylinder. The brake oil escaping from wheel cylinder, is received in reservoirs (31,32).

ADVANTAGE - Increases hydraulic brake pressure and improves braking capability.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: VEHICLE BRAKE GEAR PUMP RESERVOIR STORAGE BRAKE OIL ESCAPE WHEEL CYLINDER

DERWENT-CLASS: Q18 X22

EPI-CODES: X22-C02C;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1998-338404